PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	JUL 02	LMEDLINE coverage updated
NEWS 3	JUL 02	SCISEARCH enhanced with complete author names
NEWS 4	JUL 02	CHEMCATS accession numbers revised
NEWS 5	JUL 02	CA/CAplus enhanced with utility model patents from China
NEWS 6	JUL 16	CAplus enhanced with French and German abstracts
NEWS 7	JUL 18	CA/CAplus patent coverage enhanced
NEWS 8	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 9	JUL 30	USGENE now available on STN
NEWS 10	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS 11	AUG 06	FSTA enhanced with new thesaurus edition
NEWS 12	AUG 13	CA/CAplus enhanced with additional kind codes for granted patents
NEWS 13	AUG 20	CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS 14	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 15	AUG 27	USPATOLD now available on STN
NEWS 16	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS 17	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 18	SEP 13	FORIS renamed to SOFIS
NEWS 19	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS 20	SEP 17	CA/CAplus enhanced with printed CA page images from 1967-1998
NEWS 21	SEP 17	CAplus coverage extended to include traditional medicine patents
NEWS 22	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 23	OCT 02	CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS 24	OCT 19	BEILSTEIN updated with new compounds
NEWS 25	NOV 15	Derwent Indian patent publication number format enhanced
NEWS 26	NOV 19	WPIX enhanced with XML display format
NEWS 27	NOV 30	ICSD reloaded with enhancements
NEWS 28	DEC 04	LINPADOCDB now available on STN

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

* *

STN maintenance downtime to be extended

The normal maintenance downtime for STN will be extended on December 15. STN will be unavailable beginning Saturday, December 15, at 17:00 U.S. Eastern Standard Time until Sunday, December 16, at 01:00.

The normal schedule for STN maintenance downtime (22:00 to 01:00) will resume on December 22.

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

  All use of STN is subject to the provisions of the STN Customer
  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:17:10 ON 13 DEC 2007

=> FIL STNGUIDE
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.42       0.42

FILE 'STNGUIDE' ENTERED AT 09:18:02 ON 13 DEC 2007
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Dec  7, 2007 (20071207/UP).

=> DIS SAVED
NAME             CREATED      NOTES/TITLE
--------------   -----------  -----------------------------------
ALKCARBFNDS/A    24 JUL 2006  1991 ANSWERS IN FILE REGISTRY
BROADESTSET/A    TEMP         2543 ANSWERS IN FILE REGISTRY
BROADNOHSET/A    TEMP         7469 ANSWERS IN FILE REGISTRY
CYANONOHREFS/A   TEMP         151 ANSWERS IN FILE CAPLUS
CYANOSUBSET/A    TEMP         48 ANSWERS IN FILE REGISTRY
CYNOCMPDREFS/A   TEMP         90 ANSWERS IN FILE CAPLUS
JNK/A            TEMP         474 ANSWERS IN FILE REGISTRY
MODAFSRCH/L      TEMP         12 L-NUMBERS
NOFIXEDHSET/A    TEMP         32214 ANSWERS IN FILE CAPLUS
ORTHCYANRAW/A    TEMP         19 ANSWERS IN FILE REGISTRY
PLYETHRAMINS/A   13 JUL 2007  299 ANSWERS IN FILE REGISTRY
REFNDFNDS/A      24 JUL 2006  1255 ANSWERS IN FILE REGISTRY
REFS/A           TEMP         8 ANSWERS IN FILE CAPLUS
TBUTCARBFNDS/A   24 JUL 2006  736 ANSWERS IN FILE REGISTRY
THIAFINDS/A      06 FEB 2007  113 ANSWERS IN FILE REGISTRY
TWOAMINOPOLY/Q   16 APR 2001  UPLOADED STRUCTURE
VAPSRCH/L        TEMP         7 L-NUMBERS


=> DIS SAVED/S
NO SAVED SDI REQUESTS


=> ACT MODAFSRCH/L
L1              STR
L2  (         2)SEA FILE=REGISTRY SSS SAM L1
L3  (         0)SEA FILE=CAPLUS ABB=ON  PLU=ON  L2
L4  (         1)SEA FILE=REGISTRY ABB=ON  PLU=ON  MODAFINIL/CN
L5  (         1)SEA FILE=REGISTRY ABB=ON  PLU=ON  BENZHYDROL/CN
L6  (         1)SEA FILE=REGISTRY ABB=ON  PLU=ON  THIOUREA/CN
L7  (        23)SEA FILE=CAPLUS ABB=ON  PLU=ON  DHIS
L8  (        39)SEA FILE=CAPLUS ABB=ON  PLU=ON  L4/PREP
L9  (      3289)SEA FILE=CAPLUS ABB=ON  PLU=ON  L5
L10 (     24874)SEA FILE=CAPLUS ABB=ON  PLU=ON  L6
L11 (        15)SEA FILE=CAPLUS ABB=ON  PLU=ON  L8 AND L9
L12 (         5)SEA FILE=CAPLUS ABB=ON  PLU=ON  L10 AND L11
```

=> file reg
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.06	0.48

FILE 'REGISTRY' ENTERED AT 09:18:38 ON 13 DEC 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 12 DEC 2007 HIGHEST RN 957825-32-0
DICTIONARY FILE UPDATES: 12 DEC 2007 HIGHEST RN 957825-32-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

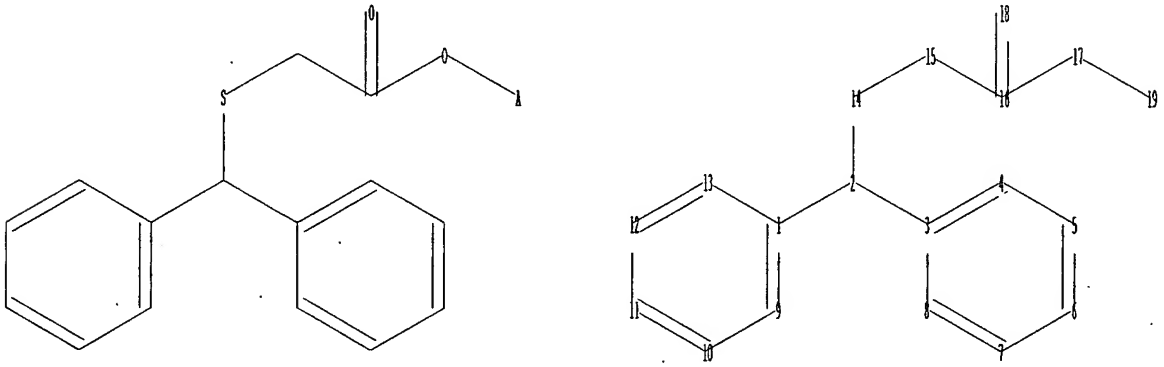
TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10570243\10570243 claim 1 product.str

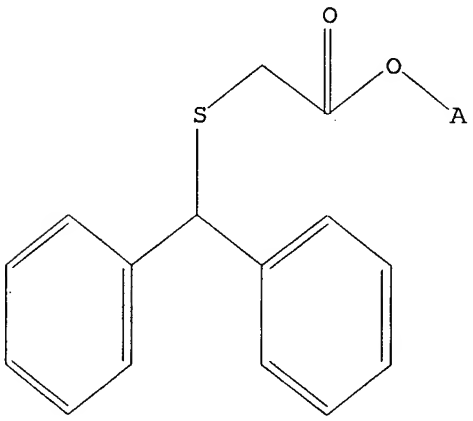


chain nodes :
2 14 15 16 17 18 19
ring nodes :
1 3 4 5 6 7 8 9 10 11 12 13
chain bonds :
1-2 2-3 2-14 14-15 15-16 16-17 16-18 17-19
ring bonds :
1-9 1-13 3-4 3-8 4-5 5-6 6-7 7-8 9-10 10-11 11-12 12-13
exact/norm bonds :
2-14 14-15 16-17 16-18 17-19
exact bonds :
1-2 2-3 15-16
normalized bonds :
1-9 1-13 3-4 3-8 4-5 5-6 6-7 7-8 9-10 10-11 11-12 12-13

Hydrogen count :
2:>= minimum 1 4:>= minimum 1 5:>= minimum 1 6:>= minimum 1 7:>= minimum 1
8:>= minimum 1 9:>= minimum 1 10:>= minimum 1 11:>= minimum 1 12:>= minimum 0
13:>= minimum 1 15:>= minimum 2
Match level :
1:Atom 2:CLASS 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS

L13 STRUCTURE UPLOADED

=> d l13
L13 HAS NO ANSWERS
L13 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l13 sss sam
SAMPLE SEARCH INITIATED 09:19:08 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 332 TO ITERATE

100.0% PROCESSED 332 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH **COMPLETE**
PROJECTED ITERATIONS: 5547 TO 7733
PROJECTED ANSWERS: 0 TO 0

L14 0 SEA SSS SAM L13

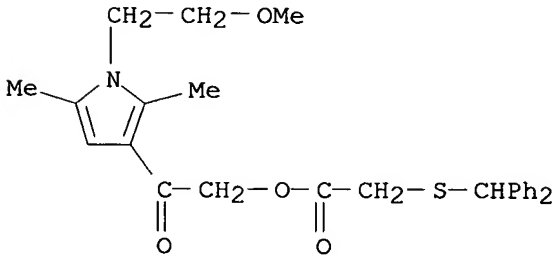
=> search l13 sss full
FULL SEARCH INITIATED 09:19:20 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 6436 TO ITERATE

100.0% PROCESSED 6436 ITERATIONS 26 ANSWERS
SEARCH TIME: 00.00.01

L15 26 SEA SSS FUL L13

=> d scan

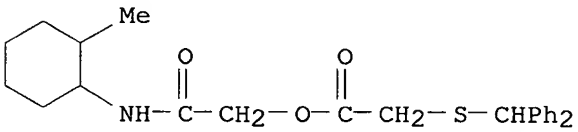
L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 2-[1-(2-methoxyethyl)-2,5-dimethyl-1H-pyrrol-3-yl]-2-oxoethyl ester (9CI)
MF C26 H29 N O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

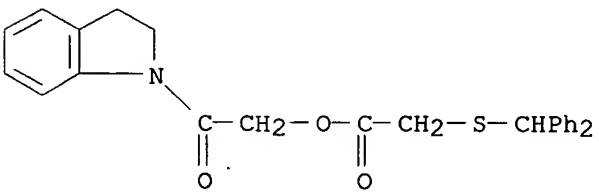
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):30

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 2-[(2-methylcyclohexyl)amino]-2-oxoethyl ester (9CI)
MF C24 H29 N O3 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

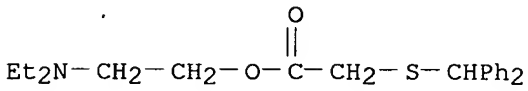
L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, 2-[(diphenylmethyl)thio]-, 2-(2,3-dihydro-1H-indol-1-yl)-2-oxoethyl ester
MF C25 H23 N O3 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

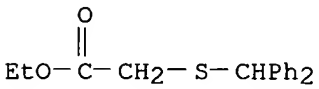
L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN Acetic acid, [(diphenylmethyl)thio]-, 2-(diethylamino)ethyl ester (9CI)
MF C21 H27 N O2 S
CI COM



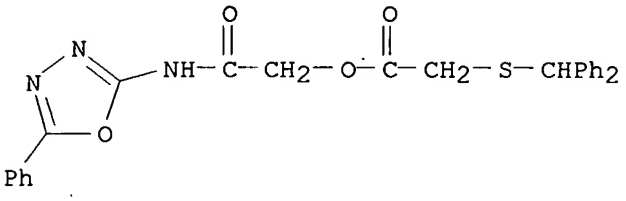
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, 2-[(diphenylmethyl)thio]-, ethyl ester
MF C17 H18 O2 S



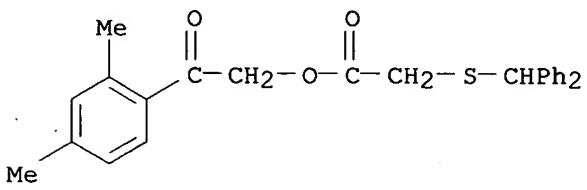
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 2-oxo-2-[(5-phenyl-1,3,4-oxadiazol-2-yl)amino]ethyl ester (9CI)
MF C25 H21 N3 O4 S



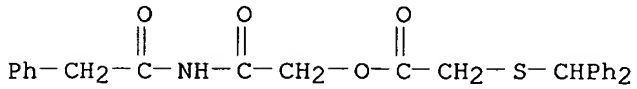
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 2-(2,4-dimethylphenyl)-2-oxoethyl ester (9CI)
MF C25 H24 O3 S



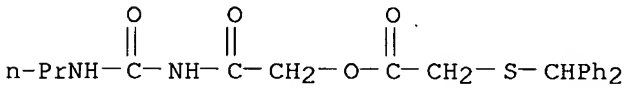
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 2-oxo-2-[(phenylacetyl)amino]ethyl ester (9CI)
MF C25 H23 N O4 S



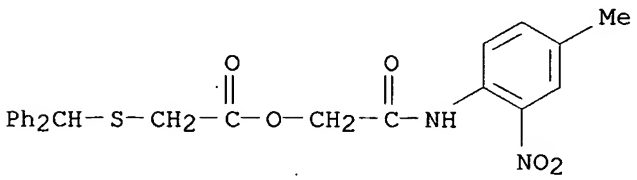
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 2-oxo-2-[[(propylamino)carbonyl]amino]ethyl ester (9CI)
MF C21 H24 N2 O4 S



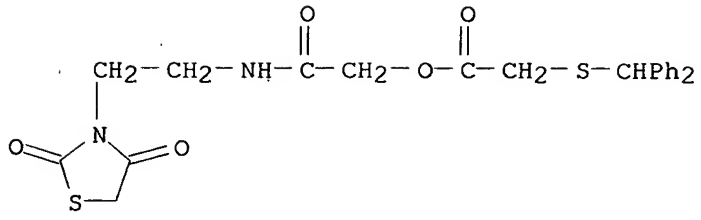
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, 2-[(diphenylmethyl)thio]-, 2-[(4-methyl-2-nitrophenyl)amino]-2-oxoethyl ester
MF C24 H22 N2 O5 S



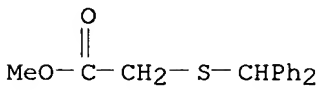
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 2-[[2-(2,4-dioxo-3-thiazolidinyl)ethyl]amino]-2-oxoethyl ester (9CI)
MF C22 H22 N2 O5 S2



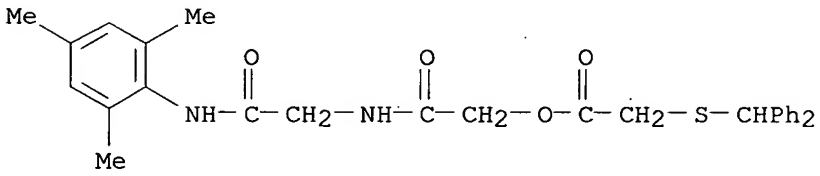
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, methyl ester (9CI)
MF C16 H16 O2 S



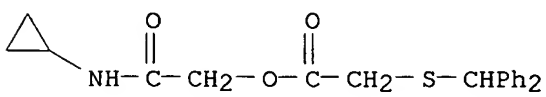
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 2-oxo-2-[[2-oxo-2-[(2,4,6-trimethylphenyl)amino]ethyl]amino]ethyl ester (9CI)
MF C28 H30 N2 O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

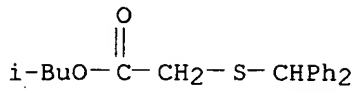
L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 2-(cyclopropylamino)-2-oxoethyl ester (9CI)
MF C20 H21 N O3 S



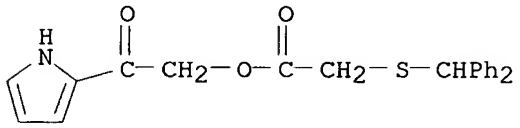
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN Acetic acid, [(diphenylmethyl)thio]-, 2-methylpropyl ester (9CI)
MF C19 H22 O2 S

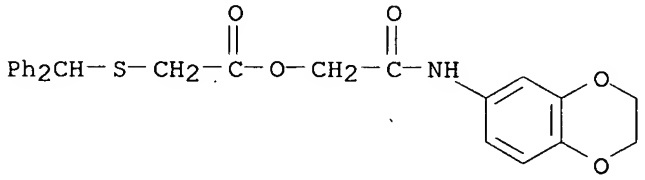


L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 2-oxo-2-(1H-pyrrol-2-yl)ethyl ester (9CI)
MF C21 H19 N O3 S



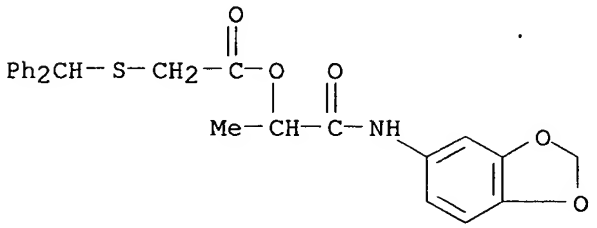
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, 2-[(diphenylmethyl)thio]-, 2-[(2,3-dihydro-1,4-benzodioxin-6-yl)amino]-2-oxoethyl ester
MF C25 H23 N O5 S

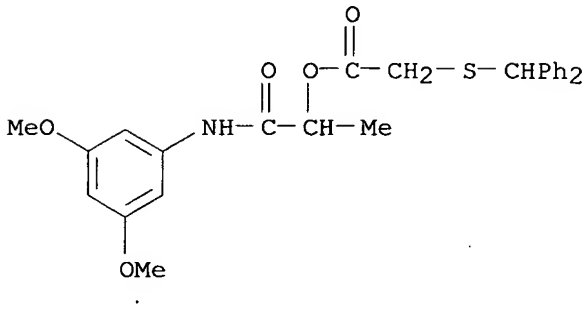


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 2-(1,3-benzodioxol-5-ylamino)-1-methyl-2-oxoethyl ester (9CI)
MF C25 H23 N O5 S

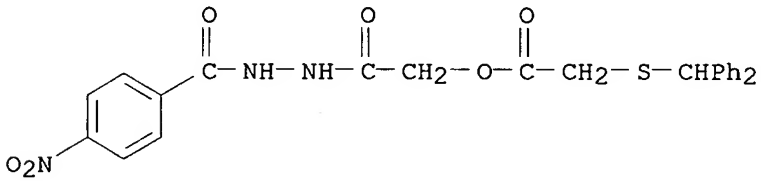


L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 2-[(3,5-dimethoxyphenyl)amino]-1-methyl-2-oxoethyl ester (9CI)
MF C26 H27 N O5 S



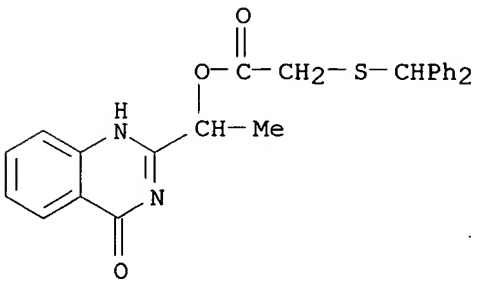
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Benzoic acid, 4-nitro-, 2-[[[[(diphenylmethyl)thio]acetyl]oxy]acetyl]hydrazide (9CI)
MF C24 H21 N3 O6 S



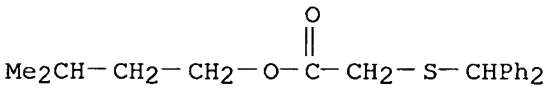
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 1-(1,4-dihydro-4-oxo-2-quinazolinyl)ethyl ester (9CI)
MF C25 H22 N2 O3 S



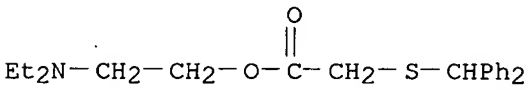
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 3-methylbutyl ester (9CI)
MF C20 H24 O2 S

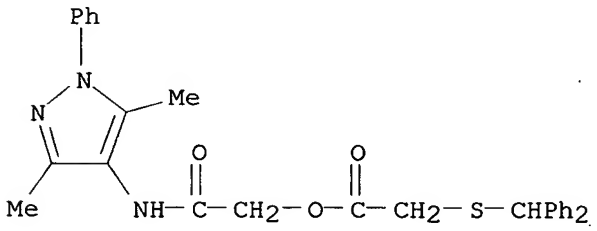


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, (diphenylmethylthio)-, 2-diethylaminoethyl ester hydrochloride (5CI)
MF C21 H27 N O2 S . Cl H

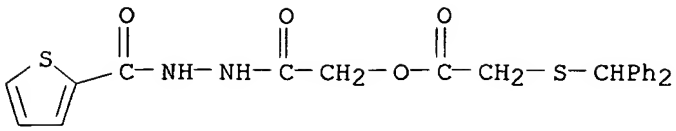


L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, 2-[(diphenylmethyl)thio]-, 2-[(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)amino]-2-oxoethyl ester
MF C28 H27 N3 O3 S



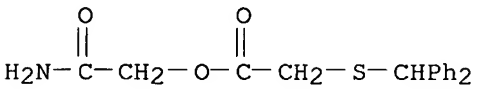
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Thiophenecarboxylic acid, 2-[[[[(diphenylmethyl)thio]acetyl]oxy]acetyl]hydrazide (9CI)
MF C22 H20 N2 O4 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L15 26 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [(diphenylmethyl)thio]-, 2-amino-2-oxoethyl ester (9CI)
MF C17 H17 N O3 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> save temp l15 clm1prods/a
ANSWER SET L15 HAS BEEN SAVED AS 'CLM1PRODS/A'

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	176.15	176.63

FILE 'CAPLUS' ENTERED AT 09:24:20 ON 13 DEC 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 13 Dec 2007 VOL 147 ISS 25
FILE LAST UPDATED: 12 Dec 2007 (20071212/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> l15/prep
17 L15

```
      4501717 PREP/RL
L16         16 L15/PREP
                (L15 (L) PREP/RL)

=> d his

     (FILE 'HOME' ENTERED AT 09:17:10 ON 13 DEC 2007)

     FILE 'STNGUIDE' ENTERED AT 09:18:02 ON 13 DEC 2007
               ACT MODAFSRCH/L
               ---------
L1              STR
L2  (          2)SEA FILE=REGISTRY SSS SAM L1
L3  (          0)SEA FILE=CAPLUS ABB=ON  PLU=ON  L2
L4  (          1)SEA FILE=REGISTRY ABB=ON  PLU=ON  MODAFINIL/CN
L5  (          1)SEA FILE=REGISTRY ABB=ON  PLU=ON  BENZHYDROL/CN
L6  (          1)SEA FILE=REGISTRY ABB=ON  PLU=ON  THIOUREA/CN
L7  (         23)SEA FILE=CAPLUS ABB=ON  PLU=ON  DHIS
L8  (         39)SEA FILE=CAPLUS ABB=ON  PLU=ON  L4/PREP
L9  (       3289)SEA FILE=CAPLUS ABB=ON  PLU=ON  L5
L10 (      24874)SEA FILE=CAPLUS ABB=ON  PLU=ON  L6
L11 (         15)SEA FILE=CAPLUS ABB=ON  PLU=ON  L8 AND L9
L12 (          5)SEA FILE=CAPLUS ABB=ON  PLU=ON  L10 AND L11
               ---------

     FILE 'REGISTRY' ENTERED AT 09:18:38 ON 13 DEC 2007
L13             STRUCTURE UPLOADED
L14           0 SEARCH L13 SSS SAM
L15          26 SEARCH L13 SSS FULL
                SAVE TEMP L15 CLM1PRODS/A

     FILE 'CAPLUS' ENTERED AT 09:24:20 ON 13 DEC 2007
L16         16 L15/PREP

=> 15 and 116
SEARCH PROFILE NOT SUPPORTED FOR AUTOMATED SEARCH AND CROSSOVER
The search profile contains L-numbers or saved item names that include
chemical substance terms, chemical structures, or structure screen
sets.  If you are in a single file environment using the CA file (CA,
HCA, ZCA, CAPLUS, HCAPLUS, ZCAPLUS), enter HELP FIRST at an arrow
prompt (=>) for information about the REG1stRY automated search and
crossover feature.  REG1stRY supports the following search profiles:

Example 1:
   => ACT SCRSTR/Q
   L3              STR
   L4              SCR 2127
   L5              QUE  L3 NOT L4

   These searches are supported:
   S  L5/REG
   S  SCRSTR/Q/REG
   S  (L3 NOT L4)/REG

   These searches are not supported:
   S  L5
   S  SCRSTR/Q

Example 2:
   => ACT SCRSTR2/Q
   L6              STR
   L7              SCR 2127
   L8              QUE  L6
```

```
   L9              QUE  L7
   L10             QUE  L8 NOT L9

   This search is supported:
   S  (L6 NOT L7)/REG

   These searches are not supported:
   S  L10
   S  L10/REG
   S  SCRSTR2/Q
   S  SCRSTR2/Q/REG
   S  L8 NOT L9
   S  (L8 NOT L9)/REG

=> l16 and l8
SEARCH PROFILE NOT SUPPORTED FOR AUTOMATED SEARCH AND CROSSOVER
The search profile contains L-numbers or saved item names that include
chemical substance terms, chemical structures, or structure screen
sets.  If you are in a single file environment using the CA file (CA,
HCA, ZCA, CAPLUS, HCAPLUS, ZCAPLUS), enter HELP FIRST at an arrow
prompt (=>) for information about the REG1stRY automated search and
crossover feature.  REG1stRY supports the following search profiles:

Example 1:
   => ACT SCRSTR/Q
   L3              STR
   L4              SCR 2127
   L5              QUE  L3 NOT L4

   These searches are supported:
   S  L5/REG
   S  SCRSTR/Q/REG
   S  (L3 NOT L4)/REG

   These searches are not supported:
   S  L5
   S  SCRSTR/Q

Example 2:
   => ACT SCRSTR2/Q
   L6              STR
   L7              SCR 2127
   L8              QUE  L6
   L9              QUE  L7
   L10             QUE  L8 NOT L9

   This search is supported:
   S  (L6 NOT L7)/REG

   These searches are not supported:
   S  L10
   S  L10/REG
   S  SCRSTR2/Q
   S  SCRSTR2/Q/REG
   S  L8 NOT L9
   S  (L8 NOT L9)/REG

=> l16 and l9
SEARCH PROFILE NOT SUPPORTED FOR AUTOMATED SEARCH AND CROSSOVER
The search profile contains L-numbers or saved item names that include
chemical substance terms, chemical structures, or structure screen
sets.  If you are in a single file environment using the CA file (CA,
HCA, ZCA, CAPLUS, HCAPLUS, ZCAPLUS), enter HELP FIRST at an arrow
```

prompt (=>) for information about the REG1stRY automated search and crossover feature. REG1stRY supports the following search profiles:

Example 1:

```
   => ACT SCRSTR/Q
   L3              STR
   L4              SCR 2127
   L5              QUE  L3 NOT L4

   These searches are supported:
   S  L5/REG
   S  SCRSTR/Q/REG
   S  (L3 NOT L4)/REG

   These searches are not supported:
   S  L5
   S  SCRSTR/Q
```

Example 2:

```
   => ACT SCRSTR2/Q
   L6              STR
   L7              SCR 2127
   L8              QUE  L6
   L9              QUE  L7
   L10             QUE  L8 NOT L9

   This search is supported:
   S  (L6 NOT L7)/REG

   These searches are not supported:
   S  L10
   S  L10/REG
   S  SCRSTR2/Q
   S  SCRSTR2/Q/REG
   S  L8 NOT L9
   S  (L8 NOT L9)/REG

=> logoff hold
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                3.89     180.52

 SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 09:26:38 ON 13 DEC 2007

Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
 * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 10:05:30 ON 13 DEC 2007
FILE 'CAPLUS' ENTERED AT 10:05:30 ON 13 DEC 2007
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                3.89     180.52
```

```
=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         4.36     180.99

FILE 'REGISTRY' ENTERED AT 10:05:50 ON 13 DEC 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   12 DEC 2007  HIGHEST RN 957825-32-0
DICTIONARY FILE UPDATES:  12 DEC 2007  HIGHEST RN 957825-32-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> e benzhydrol/cn
E1            1     BENZHYDRO (DIPHENYLMETHANOL), THIOBENZOATE/CN
E2            1     BENZHYDROFLUMETHIAZIDE/CN
E3            1 --> BENZHYDROL/CN
E4            1     BENZHYDROL B-DIMETHYLAMINOETHYL ETHER HYDROCHLORIDE/CN
E5            1     BENZHYDROL DILITHIUM SALT/CN
E6            1     BENZHYDROL DIPOTASSIUM SALT/CN
E7            1     BENZHYDROL DISODIUM SALT/CN
E8            1     BENZHYDROL ETHER/CN
E9            1     BENZHYDROL GLUCURONIDE/CN
E10           1     BENZHYDROL IODOCALCIUM SALT/CN
E11           1     BENZHYDROL METHYL ETHER/CN
E12           1     BENZHYDROL, ((TRIFLUOROMETHYL)THIO)CARBAMATE/CN

=> e3
L17           1 BENZHYDROL/CN

=> file caplus
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         5.40     186.39

FILE 'CAPLUS' ENTERED AT 10:06:13 ON 13 DEC 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)
```

FILE COVERS 1907 - 13 Dec 2007 VOL 147 ISS 25
FILE LAST UPDATED: 12 Dec 2007 (20071212/ED)

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They are available for your review at:

http://www.cas.org/infopolicy.html

=> l17
L18 3290 L17

=> d nhis
'NHIS' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS --------- GI and AB
ALL --------- BIB, AB, IND, RE
APPS -------- AI, PRAI
BIB --------- AN, plus Bibliographic Data and PI table (default)
CAN --------- List of CA abstract numbers without answer numbers
CBIB -------- AN, plus Compressed Bibliographic Data
CLASS ------- IPC, NCL, ECLA, FTERM
DALL -------- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND --------- Indexing data
IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers;
SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, CLASS

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

HIT --------- Fields containing hit terms
HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT)
containing hit terms
HITRN ------- HIT RN and its text modification
HITSTR ------ HIT RN, its text modification, its CA index name, and
its structure diagram
HITSEQ ------ HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields

```
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
              its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
              structure diagram, plus NTE and SEQ fields
KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field
codes.  For a list of the display field codes, enter HELP DFIELDS at
an arrow prompt (=>).  Examples of formats include: TI; TI,AU; BIB,ST;
TI,IND; TI,SO.  You may specify the format fields in any order and the
information will be displayed in the same order as the format
specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR,
FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC
to view a specified Accession Number.
ENTER DISPLAY FORMAT (BIB):end

=> d his

     (FILE 'HOME' ENTERED AT 09:17:10 ON 13 DEC 2007)

     FILE 'STNGUIDE' ENTERED AT 09:18:02 ON 13 DEC 2007
               ACT MODAFSRCH/L
              ---------
L1              STR
L2   (         2)SEA FILE=REGISTRY SSS SAM L1
L3   (         0)SEA FILE=CAPLUS ABB=ON  PLU=ON  L2
L4   (         1)SEA FILE=REGISTRY ABB=ON  PLU=ON  MODAFINIL/CN
L5   (         1)SEA FILE=REGISTRY ABB=ON  PLU=ON  BENZHYDROL/CN
L6   (         1)SEA FILE=REGISTRY ABB=ON  PLU=ON  THIOUREA/CN
L7   (        23)SEA FILE=CAPLUS ABB=ON  PLU=ON  DHIS
L8   (        39)SEA FILE=CAPLUS ABB=ON  PLU=ON  L4/PREP
L9   (      3289)SEA FILE=CAPLUS ABB=ON  PLU=ON  L5
L10  (     24874)SEA FILE=CAPLUS ABB=ON  PLU=ON  L6
L11  (        15)SEA FILE=CAPLUS ABB=ON  PLU=ON  L8 AND L9
L12  (         5)SEA FILE=CAPLUS ABB=ON  PLU=ON  L10 AND L11
              ---------

     FILE 'REGISTRY' ENTERED AT 09:18:38 ON 13 DEC 2007
L13             STRUCTURE UPLOADED
L14           0 SEARCH L13 SSS SAM
L15          26 SEARCH L13 SSS FULL
                SAVE TEMP L15 CLM1PRODS/A

     FILE 'CAPLUS' ENTERED AT 09:24:20 ON 13 DEC 2007
L16          16 L15/PREP

     FILE 'REGISTRY' ENTERED AT 10:05:50 ON 13 DEC 2007
                E BENZHYDROL/CN
L17           1 E3

     FILE 'CAPLUS' ENTERED AT 10:06:13 ON 13 DEC 2007
L18        3290 L17

=> l16 and l18
L19          8 L16 AND L18

=> d l19 1-8 ti

L19  ANSWER 1 OF 8  CAPLUS  COPYRIGHT 2007 ACS on STN
TI   Development and validation of a reversed phase liquid chromatographic
```

method for separation and determination of related-substances of modafinil in bulk drugs

L19 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Process for enantioselective synthesis of single enantiomers of modafinil by asymmetric oxidation

L19 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Synthesis and NMR elucidation of adrafinil

L19 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Process for enantioselective synthesis of single enantiomers of modafinil and related compounds by asymmetric oxidation of the corresponding sulfides in the presence of chiral metal complexes.

L19 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Method for preparing methyl 2-diphenylmethylsulfinylacetate

L19 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Synthesis and determination of the absolute configuration of the enantiomers of modafinil

L19 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Benzhydryl compounds as herbicide antidotes

L19 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Benzhydrylsulfinyl derivatives

=> d l19 5-8 ti fbib abs

L19 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Method for preparing methyl 2-diphenylmethylsulfinylacetate
AN 2004:568192 CAPLUS
DN 141:106271
TI Method for preparing methyl 2-diphenylmethylsulfinylacetate
IN Rose, Sebastien; Klein, Dominique
PA Organisation De Synthese Mondiale Orsymonde, Fr.
SO Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
PI	EP 1437345	A1	20040714	EP 2003-290082		20030113
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
	AU 2004203975	A1	20040729	AU 2004-203975		20040108
				EP 2003-290082	A	20030113
				WO 2004-IB2	W	20040108
	CA 2512084	A1	20040729	CA 2004-2512084		20040108
				EP 2003-290082	A	20030113
				WO 2004-IB2	W	20040108
	WO 2004063149	A1	20040729	WO 2004-IB2		20040108
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ					
				EP 2003-290082	A	20030113
	EP 1583739	A1	20051012	EP 2004-700742		20040108
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					

			EP 2003-290082	A	20030113
			WO 2004-IB2	W	20040108
BR 2004006489	A	20051206	BR 2004-6489		20040108
			EP 2003-290082	A	20030113
			WO 2004-IB2	W	20040108
CN 1735591	A	20060215	CN 2004-80002147		20040108
			EP 2003-290082	A	20030113
JP 2006516560	T	20060706	JP 2006-500269		20040108
			EP 2003-290082	A	20030113
			WO 2004-IB2	W	20040108
ZA 2005005381	A	20060426	ZA 2005-5381		20050704
			EP 2003-290082	A	20030113
IN 2005CN01539	A	20070810	IN 2005-CN1539		20050707
			EP 2003-290082	A	20030113
			WO 2004-IB2	W	20040108
MX 2005PA07419	A	20050912	MX 2005-PA7419		20050708
			EP 2003-290082	A	20030113
			WO 2004-IB2	W	20040108
NO 2005003602	A	20050722	NO 2005-3602		20050722
			EP 2003-290082	A	20030113
			WO 2004-IB2	W	20040108
US 2006235237	A1	20061019	US 2005-541527		20051027
US 7211684	B2	20070501			
			EP 2003-290082	A	20030113
			WO 2004-IB2	W	20040108

OS CASREACT 141:106271

AB Me 2-diphenylmethylsulfinylacetate is prepared in high yield and selectivity by: (i) conversion of benzhydrol into Me diphenylmethylthioacetate by the esterification of benzhydrol into a behydryl carboxylate (e.g., benzhydryl acetate) with a carboxylic anhydride (e.g., acetic anhydride), followed by condensation of the behydryl carboxylate with Me 2-mercaptoacetate; and (ii) oxidation of the Me diphenylmethylthioacetate into methyl-2-diphenylmethylsulfinylacetate with aqueous hydrogen peroxide.

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

TI Synthesis and determination of the absolute configuration of the enantiomers of modafinil

AN 2004:189129 CAPLUS

DN 140:423446

TI Synthesis and determination of the absolute configuration of the enantiomers of modafinil

AU Prisinzano, Thomas; Podobinski, John; Tidgewell, Kevin; Luo, Min; Swenson, Dale

CS College of Pharmacy, Division of Medicinal & Natural Products Chemistry, The University of Iowa, Iowa City, IA, 52242-1112, USA

SO Tetrahedron: Asymmetry (2004), 15(6), 1053-1058
CODEN: TASYE3; ISSN: 0957-4166

PB Elsevier Science B.V.

DT Journal

LA English

OS CASREACT 140:423446

AB The asym. synthesis of both enantiomers of modafinil, a unique CNS stimulant with a reduced abuse liability, is described. This approach effectively preps. modafinil on a multigram scale in several steps from benzhydrol. The described synthetic route has also been used to produce the more water soluble analog, adrafinil. X-ray crystallog. anal. on (-)-(diphenylmethanesulfinyl)acetic acid has determined the absolute configuration to be R.

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Benzhydryl compounds as herbicide antidotes
AN 1989:192421 CAPLUS
DN 110:192421
TI Benzhydryl compounds as herbicide antidotes
IN Kaufman, Lawrence Harlan Branni
PA Monsanto Co., USA
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 435 pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
PI	CN 87102879	A	19871028	CN 1987-102879		19870416
	CN 1024488	B	19940518			
				US 1986-853301	A	19860417
	US 4964893	A	19901023	US 1986-853301		19860417
	US 5162537	A	19921110	US 1990-550002		19900709
				US 1986-853301	A3	19860417
	US 5321000	A	19940614	US 1992-906107		19920629
				US 1986-853301	A3	19860417
				US 1990-550002	A1	19900709

AB Benzhydryl-substituted acids, esters, amides, salts, etc., are prepared and tested as herbicide antidotes. A solution of 50 mmol HOCH2CO2Me in C6H6 was heated with a solution of 50 mmol Ph2CHCl in DMF at 120°, 100 mmol addnl. HOCH2CO2Me was added, and the mixture heated at 120° to give 7.9 g Ph2CHOCH2CO2Me, which was applied at 8.96 kg/ha with 0.14 kg/ha herbicide to show 100% protection of rice and corn, 83% protection of sorghum, and 50% protection of wheat.

L19 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN
TI Benzhydrylsulfinyl derivatives
AN 1977:534596 CAPLUS
DN 87:134596
OREF 87:21373a,21376a
TI Benzhydrylsulfinyl derivatives
IN Lafon, Louis
PA Laboratoire L. Lafon, Fr.
SO Ger. Offen., 34 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
PI	DE 2642511	A1	19770414	DE 1976-2642511		19760922
	DE 2642511	C2	19860731			
				GB 1975-40419	A	19751002
	CA 1079275	A1	19800610	CA 1976-262096		19760927
				GB 1975-40419	A	19751002
	FR 2326181	A1	19770429	FR 1976-29137		19760928
	FR 2326181	B1	19800808			
				GB 1975-40419	A	19751002
	DK 7604375	A	19770403	DK 1976-4375		19760929
	DK 151009	B	19871012			
	DK 151009	C	19880229			
				GB 1975-40419	A	19751002
	AT 347426	B	19781227	AT 1976-7208		19760929
				GB 1975-40419	A	19751002
	BE 846880	A1	19770401	BE 1976-171191		19761001
				GB 1975-40419	A	19751002

FI 7602810	A	19770403	FI 1976-2810		19761001
FI 63220	B	19830131			
FI 63220	C	19830510			
			GB 1975-40419	A	19751002
SE 7610940	A	19770403	SE 1976-10940		19761001
SE 431088	B	19840116			
SE 431088	C	19840426			
			GB 1975-40419	A	19751002
NL 7610929	A	19770405	NL 1976-10929		19761001
NL 187629	B	19910701			
NL 187629	C	19911202			
			GB 1975-40419	A	19751002
NO 7603372	A	19770405	NO 1976-3372		19761001
NO 143219	B	19800922			
NO 143219	C	19810107			
			GB 1975-40419	A	19751002
SU 651693	A3	19790305	SU 1976-2404903		19761001
			GB 1975-40419	A	19751002
PL 105506	B1	19791031	PL 1976-192811		19761001
			GB 1975-40419	A	19751002
HU 175109	B	19800528	HU 1976-LA894		19761001
			GB 1975-40419	A	19751002
CS 200195	B2	19800829	CS 1976-6356		19761001
			GB 1975-40419	A	19751002
IL 50599	A	19800916	IL 1976-50599		19761001
			GB 1975-40419	A	19751002
JP 52046058	A	19770412	JP 1976-118908		19761002
JP 60045186	B	19851008			
			GB 1975-40419	A	19751002
US 4127722	A	19781128	US 1977-821312		19770803
			GB 1975-40419	A	19751002
			US 1976-728054	A3	19760930
AT 7706493	A	19780815	AT 1977-6493		19770909
AT 349026	B	19790312			
			GB 1975-40419	A	19751002
			AT 1976-7208	A	19770909
AT 346828	B	19781127	AT 1977-6492		19770909
			GB 1975-40419	A	19751002
			AT 1976-7208	A	19770909
AU 511619	B2	19800828	AU 1976-18188		19780929
			GB 1975-40419	A	19751002

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AB Ph2CHSO(CH2)nR [I; R = CONHOH, C(:NH)NHOH, 4,5-dihydro-1H-imidazol-2-yl, morpholino, piperidino; n = 1, 2, 3] were prepared as the free bases or hydrochlorides and had useful pharmaceutical properties. Thus, Ph2CHBr treated with thiourea and NaOH gave 97.5% Ph2CHSH, which was treated with ClCH2CO2H and NaOH to give 79% Ph2CHSCH2CO2H; the acid was converted to the Et ester (93% yield), which was treated with H2NOH.HCl and KOH, yielding 87.5% Ph2CHSCH2CONHOH, and this was oxidized by H2O2 to give 73% I (R = CONHOH, n = 1), which showed antipyretic, anticonvulsant, and anticholinergic activity when tested on rats.

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=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	27.20	213.59

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.12	-3.12

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:23:06 ON 13 DEC 2007